



A.D. 1862, *3rd JUNE.* N^o 1674.

S P E C I F I C A T I O N

OF

STRINGER WESTON.

—
TRUSSES.
—

LONDON:

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1862.



A.D. 1862, 3rd JUNE. N° 1674.

Trusses.

LETTERS PATENT to Stringer Weston, of Tenterden, in the County of Kent, for the Invention of “**IMPROVEMENTS IN TRUSSES.**”

Sealed the 28th November 1862, and dated the 3rd June 1862.

PROVISIONAL SPECIFICATION left by the said Stringer Weston at the Office of the Commissioners of Patents, with his Petition, on the 3rd June 1862.

I, **STRINGER WESTON**, of Tenterden, in the County of Kent, do hereby
5 declare the nature of the Invention for “**IMPROVEMENTS IN TRUSSES,**” to be as follows:—

This Invention has for its object improvements in trusses. For these purposes the pad is mounted on and carried by a metal disc or plate, which has two studs or projections thereon, which enter through holes in the back
10 of the pad. On either side of these studs or projections is a half-elliptical spring, which is fixed to the disc or plate, so that the ends of the springs rest against and press the pad outwards, yet allow of its moving on the projections or studs in any direction. On the disc or plate is attached one end of a bent wire or rod, by means of a pin joint, so that it is capable of movement. This
15 bent wire or rod ascends up nearly to the hip. At the other end of this wire or rod there is a hook or other means of attaching it to a strap, which passes over the hip and behind the back of the person who is wearing the truss; the other end of this strap is then passed over the other hip, and is attached to the end of another wire or rod, which is by its other end fixed to the disc or

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plate, and ascends some distance from the disc up towards the hip last mentioned. One end of a second strap is attached to the end of another wire or rod, which is also attached to the disc or plate, and descends some distance below it. This strap passes between the legs of the person wearing the truss, and then ascends up behind the person in an inclined direction, and is made fast to the other strap near where it passes over the hip last mentioned.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Stringer Weston in the Great Seal Patent Office on the 3rd December 1862.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, STRINGER WESTON, of Tenterden, in the County of Kent, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Third day of June, in the year of our Lord One thousand eight hundred and sixty-two, in the twenty-fifth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Stringer Weston, Her special licence that I, the said Stringer Weston, my executors, administrators, and assigns, or such others as I, the said Stringer Weston, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**IMPROVEMENTS IN TRUSSES,**" upon the condition (amongst others) that I, the said Stringer Weston, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said Stringer Weston, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, that is to say:—

This Invention has for its object improvements in trusses. For these purposes, the pad is mounted on and carried by a metal disc or plate, which has two studs or projections thereon, which enter through holes in the back

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of the pad. On either side of these studs or projections is a half-elliptical spring, which is fixed to the disc or plate, so that the ends of the springs rest against and press the pad outwards, yet allow of its moving on the projections or studs in any direction. On the disc or plate is attached one end of a bent
5 wire or rod, by means of a pin joint, so that it is capable of movement. This bent wire or rod ascends up nearly to the hip. At the other end of this wire or rod there is a hook or other means of attaching it to a strap, which passes over the hip and behind the back of the person who is wearing the truss. The other end of this strap is then passed over the other hip, and is attached
10 to the end of another wire or rod, which is by its other end fixed to the disc or plate, and ascends some distance from the disc up towards the hip last mentioned. One end of a second strap is attached to the end of another wire or rod, which is also attached to the disc or plate, and descends some distance below it. This strap passes between the legs of the person wearing the truss,
15 and then ascends up behind the person in an inclined direction, and is made fast to the other strap near where it passes over the hip last mentioned.

Having thus stated the nature of my Invention, I will proceed more fully to describe the manner of performing the same.

The Drawing represents the pad of a truss, having means of attaching the
20 requisite straps thereto, according to my Invention. *a* is a disc or plate, which in the arrangement shown is attached by studs to two half-elliptical springs, the ends of which can slide in grooves formed in the pad, as shewn in the Drawing or the disc or plate *a* may be attached to the pad; by having two studs passing into holes in the pad, to guide them in the movement of
25 the disc or plate to and from the pad, similar half elliptical springs being used between the pad and the disc or plate. I would, however, state that the use of springs is not essential, as the disc or plate may be connected directly to the pad; *b* is a bent wire or rod, attached by a pin joint to the disc or plate *a*, so as to be able to move on such pin joint. This bent wire or rod has at its
30 outer end a button, or stud, or hook *c*. This bent wire *b* ascends nearly to the hip of the wearer, where the end of a strap is attached to the end of the bent wire by the hook, or button, or stud *c*. This strap passes over the hip and behind the back, and the other end of the strap is brought over the other hip to the front of the person, and attached to a hook, or button, or stud, at
35 *e* of another bent wire or rod *d*, which is fixed to the disc, as shown; *f* is another bent wire or rod, one end of which is fixed to the disc or plate *a*, and at the other end there is to be a hook, or button, or stud, to which a strap is to be attached, which is to pass between the legs of the wearer, and to rise up in an inclined direction towards the hip last mentioned.

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Having thus described the nature of my Invention, and the manner of performing the same, I would have it understood that what I claim is, the combined arrangement of a disc or plate *a*, and wires or rods *b*, *d*, *f*, as herein explained.

In witness whereof, I, the said Stringer Weston, have hereunto set my ⁵ hand and seal, this First day of December, in the year of our Lord One thousand eight hundred and sixty-two.

STRINGER WESTON. (L.S.)

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1862.

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A.D. 1862. JUNE 3. N^o 1674.
WESTON'S SPECIFICATION.

(1 SHEET)



The filed drawing is colored.

Drawn on Stone by Malby & Sons.

